

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019902.D
 Acq On : 15 Oct 2024 14:39
 Operator : SY/MD
 Sample : VY1015SBS04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS04

Quant Time: Oct 16 02:49:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	259518	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	450354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	389001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	192427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141403	44.252	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.500%		
35) Dibromofluoromethane	7.634	113	124482	41.887	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.780%		
50) Toluene-d8	10.103	98	419668	38.240	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	76.480%		
62) 4-Bromofluorobenzene	12.402	95	164390	41.456	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	82.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	40376	16.713	ug/l	95
3) Chloromethane	2.068	50	49764	15.826	ug/l	100
4) Vinyl Chloride	2.202	62	56367	16.290	ug/l	98
5) Bromomethane	2.592	94	38081	17.388	ug/l	96
6) Chloroethane	2.733	64	39684	17.072	ug/l	100
7) Trichlorofluoromethane	3.062	101	91515	17.774	ug/l	97
8) Diethyl Ether	3.452	74	29933	19.129	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.818	101	55683	18.593	ug/l	91
10) Methyl Iodide	4.007	142	48137	15.893	ug/l #	88
11) Tert butyl alcohol	4.866	59	29023	96.950	ug/l #	91
12) 1,1-Dichloroethene	3.787	96	46538	16.716	ug/l #	77
13) Acrolein	3.653	56	24569	104.638	ug/l	99
14) Allyl chloride	4.379	41	89248	17.767	ug/l #	91
15) Acrylonitrile	5.067	53	75961	106.132	ug/l	98
16) Acetone	3.866	43	89650	107.775	ug/l #	80
17) Carbon Disulfide	4.104	76	98210	13.161	ug/l	96
18) Methyl Acetate	4.385	43	35265	19.680	ug/l #	85
19) Methyl tert-butyl Ether	5.116	73	157764	19.724	ug/l	98
20) Methylene Chloride	4.622	84	69453	22.148	ug/l #	81
21) trans-1,2-Dichloroethene	5.116	96	51057	16.850	ug/l #	83
22) Diisopropyl ether	6.019	45	223075	20.387	ug/l #	89
23) Vinyl Acetate	5.964	43	628633	100.216	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	113327	18.632	ug/l	95
25) 2-Butanone	6.896	43	122268	109.813	ug/l #	84
26) 2,2-Dichloropropane	6.890	77	95533	17.637	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	67886	18.129	ug/l	80
28) Bromochloromethane	7.244	49	58113	21.707	ug/l #	73
29) Tetrahydrofuran	7.268	42	63511	99.901	ug/l #	85
30) Chloroform	7.421	83	118378	19.093	ug/l	95
31) Cyclohexane	7.701	56	90312	16.915	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	98501	18.128	ug/l	95
36) 1,1-Dichloropropene	7.835	75	75434	17.619	ug/l	96
37) Ethyl Acetate	6.988	43	48806	21.861	ug/l	95
38) Carbon Tetrachloride	7.817	117	79938	17.416	ug/l	95
39) Methylcyclohexane	9.109	83	91754	17.008	ug/l #	86
40) Benzene	8.079	78	231313	17.852	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	27049	22.386	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	73394	19.716	ug/l	94
43) Isopropyl Acetate	8.201	43	92020	20.211	ug/l #	88
44) Trichloroethene	8.866	130	53756	17.129	ug/l	89
45) 1,2-Dichloropropane	9.140	63	64348	19.841	ug/l	98
46) Dibromomethane	9.231	93	34675	19.569	ug/l	92
47) Bromodichloromethane	9.420	83	92728	19.716	ug/l	98
48) Methyl methacrylate	9.225	41	41118	20.531	ug/l #	80
49) 1,4-Dioxane	9.225	88	7868	396.731	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	245387	105.664	ug/l	88
52) Toluene	10.170	92	147833	18.278	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	80230	18.959	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	92904	18.605	ug/l #	80
55) 1,1,2-Trichloroethane	10.573	97	47600	20.389	ug/l	92
56) Ethyl methacrylate	10.438	69	65584	19.578	ug/l #	71
57) 1,3-Dichloropropane	10.713	76	84580	20.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	185492	118.947	ug/l	92
59) 2-Hexanone	10.755	43	181023	109.137	ug/l	86
60) Dibromochloromethane	10.908	129	58431	19.500	ug/l	98
61) 1,2-Dibromoethane	11.012	107	42586	20.187	ug/l	94
64) Tetrachloroethene	10.646	164	46715	16.883	ug/l	95
65) Chlorobenzene	11.438	112	164106	18.444	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	57266	19.023	ug/l	99
67) Ethyl Benzene	11.518	91	295453	18.280	ug/l	98
68) m/p-Xylenes	11.627	106	215672	36.131	ug/l	91
69) o-Xylene	11.950	106	104602	18.239	ug/l	91
70) Styrene	11.969	104	181171	18.724	ug/l	95
71) Bromoform	12.127	173	31573	19.592	ug/l #	94
73) Isopropylbenzene	12.249	105	283215	17.498	ug/l	98
74) N-amyl acetate	12.066	43	81540	19.021	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	58163	20.224	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	37807m	10.029	ug/l	
77) Bromobenzene	12.530	156	62862	18.302	ug/l	83
78) n-propylbenzene	12.591	91	351842	17.990	ug/l	97
79) 2-Chlorotoluene	12.676	91	203677	18.166	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	232111	17.757	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	16701	17.883	ug/l #	79
82) 4-Chlorotoluene	12.773	91	207805	18.126	ug/l	95
83) tert-Butylbenzene	12.993	119	209670	17.905	ug/l	93
84) 1,2,4-Trimethylbenzene	13.042	105	234482	18.093	ug/l	97
85) sec-Butylbenzene	13.170	105	323301	18.479	ug/l	97
86) p-Isopropyltoluene	13.292	119	257899	18.153	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	127279	18.350	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	125593	18.431	ug/l	95
89) n-Butylbenzene	13.615	91	261368	18.841	ug/l	98
90) Hexachloroethane	13.877	117	49001	17.713	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	116478	19.112	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	8513	18.547	ug/l	76
93) 1,2,4-Trichlorobenzene	14.919	180	64369	18.836	ug/l	97
94) Hexachlorobutadiene	15.023	225	36985	19.466	ug/l	100
95) Naphthalene	15.139	128	124260	19.279	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	56129	19.430	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

